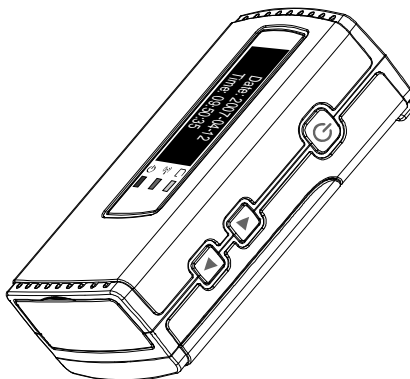


PHOTO FINDER

GPS Picture Tracker

USER MANUAL

Version. 1.5.0



WARNING

To avoid any unpredictable reason cause the malfunction of the Photo Finder, GPS Picture Tracker and damage your pictures while operating, please backup any valued data on your computer or hard drive first.

WARNING

- **Before operating the Photo Finder, GPS Picture Tracker, please read this manual thoroughly, and retain it for future reference.**
- **Before operating the GPS mapping function, please backup you file to avoid the potential data loss.**
- **To reduce fire or shock hazard, do not expose the device to rain, water or moisture.**

Trademarks

- Google is a registered trademark or trademark of Google Inc. in the U.S.A. and/or other countries.
- Google Earth is a registered trademark or trademark of Google Inc. in the U.S.A. and/or other countries.
- Google Map is a registered trademark or trademark of Google Inc. in the U.S.A. and/or other countries.
- Picasa2 is a registered trademark or trademark of Google Inc. in the U.S.A. and/or other countries.
- All trade names and trademarks are the properties of their respective companies.
- In additional, system and product names used in the manual are, in general, trademarks or registered trademarks of their respective developers or manufacturers.

Safety Information

Please read the following safety instructions, and keep the user manual for later reference.

- Only use AAA batteries that are specified in this user manual.
- Do not place the device near any source of heat or expose it to direct sunlight.
- Do not attempt to connect to any computer accessories or electronic products unless as specified in this instruction manual.
- Do not expose the device to moisture or liquids.
- Do not expose the device to environments with extreme temperatures.



Contents

- What is GPS?
- Precautions

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- Product features
 - Function keys description
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How to use the OTG GPS Picture Tracker

- Simple operation
- Easy to carry
- Store data up to two month
- High sensitive GPS antenna and high performance
- OTG mode data transferring and GPS coordinates mapping
- Built-in SD/MMC/MS Card Socket and USB Host function

Using the OTG GPS Picture Tracker

- How to create GPS tags
- Apply position information to pictures

Using the software

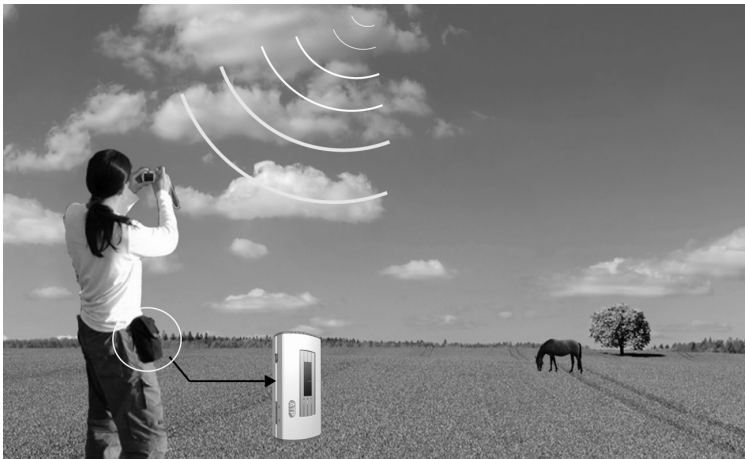
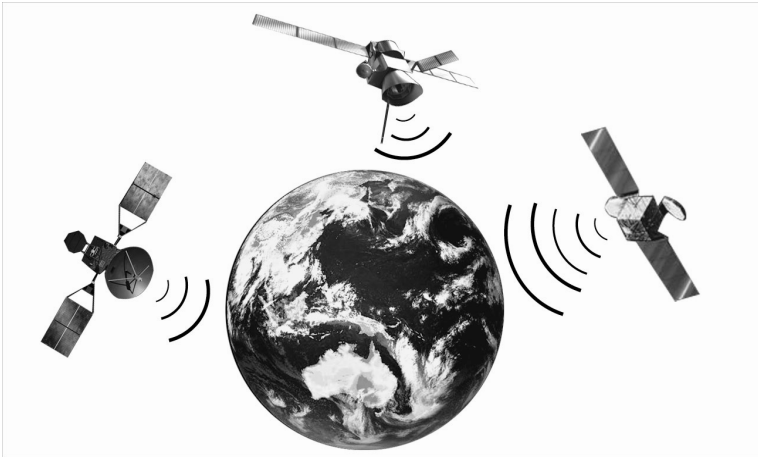
- Compatible to Google Earth and Picasa2 software
- How to use the pictures and manage your pictures
 - Personal photo management application
 - Photo navigation application
 - Commercial Business application

Additional information

- Product specifications
- Digital camera compatibility list of OTG mode
- Trouble shooting

What is GPS?

GPS (Global Positioning System) is a global navigation satellite system that calculates position from a network orbiting satellites and essentially allows you to track down your exact location on Earth. This network of GPS satellites consists of 24 total satellites in six orbits, with four satellites in each orbit. These 24 satellites are about 20 kilometers (about 12.4 miles) above us and using at least three of them a GPS receiver can receive radio signals and triangulate your exact position via a series of calculations. This is called "tracking" and a GPS receiver logs your location by latitude and longitude numbers. The ATP Photo Finder utilizes an internal GPS receiver and stores your location data for use in photos taken with your digital camera.



Precautions

- The positioning of GPS satellites varies depending on the location and time you are using a GPS receiver and there may be a delay in tracking or no tracking available at all.

- Due to the fact that a GPS receiver needs to communicate to orbiting satellites with a direct line of sight, avoid using the device in areas where radio signals would be obscured. If possible, use the device in open sky environments. A few examples of areas where a GPS receiver might be obscured:

- In tunnels, indoor or under shades of buildings.
- Between tall buildings or narrow streets surrounded by buildings.
- At underground locations, surrounded by dense trees, under an elevated bridge or at the locations where magnetic fields are generated such as near high voltage cables.
- Near the devices that generate the radio signals of the same frequency band as the Photo Finder, GPS Picture Tracker: near the 1.5GHz band mobile telephones, etc.
- The Photo Finder may also not be able to track when you are moving at the speed of 500km/hr (300 miles/hr) or faster.

● Margin of Error caused by the positioning of GPS satellites

The ATP Photo Finder automatically tracks your present location when radio signals from three or more GPS satellites are received. The margin of error for the location calculated by the Photo Finder is about 10m and does vary on the environment.

● Tracking Interpolation

The ATP Photo Finder, when activated, records your position information every 5 seconds. When a picture is taken while the Photo Finder is switched off, your position can still be interpolated using software such as Google Earth or Picasa2. A rough position can be calculated by measuring the distances between the location before and after the picture is taken. In this case, the actual position may not match completely with the location on the map based on GPS information.

● On error due to incorrect clock setting on a camera

When the clock setting on your digital camera is set incorrectly, the correct position information from the Photo Finder cannot be applied towards your pictures. Adjust the clock setting of your camera as accurately as possible in order to ensure the accuracy of the position information. In order for this setting to be synchronized with your Photo Finder, refer to the GPS screen "UTC current time"*(1) and adjust your camera to the same time.

Remark

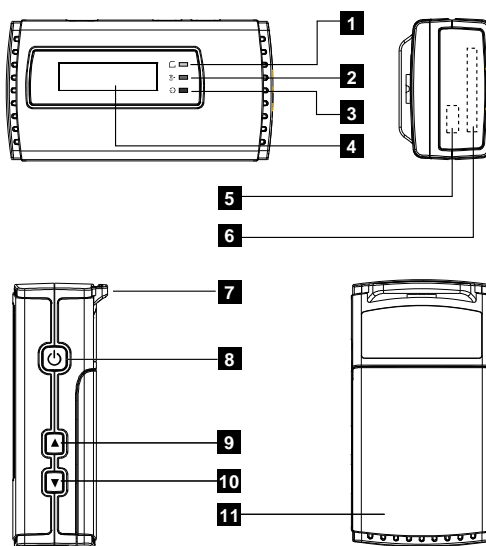
- (1) **UTC: Coordinated Universal Time, from Universal Time/Temps Cordonn.**
- (2) **Adjust your camera clock setting same as the UTC time. You won't have to re-adjust time clock of your camera when you go beyond a time zone.**
- (3) **If you did not refer to the GPS UTC time, you will not get the correct GPS information and cannot map the correct data to pictures.**

Product Features

The ATP Photo Finder calculates and records GPS position data and allows you to precisely track the exact location and time of where your pictures were taken. Make sure that the Photo Finder is activated while you're taking pictures with your digital camera. After you finish taking pictures, simply insert your SD card or Memory Stick Pro Duo card into the Photo Finder card slot and the GPS data will be synchronized and added to all pictures on the card. Even more convenient is the fact that this is all performed "on the go" without a PC. All you need to carry with you is your digital camera to take the pictures and the ATP Photo Finder to log your location.

Photos GPS tagged by the ATP Photo Finger can be used with any GPS compatible photo software. For example, when used with the Google supplied software "Picasa2", "Google Earth", or "Google Map", your photos will be shown on an online map, giving you a whole new way to organize, enjoy and share your pictures. Share your pictures and trip route with your friends and family. More importantly, never forget where you took a picture again. You can also use your GPS tagged photos in a compatible GPS navigation system, allowing for features such as choosing your destination and landmarks visually.

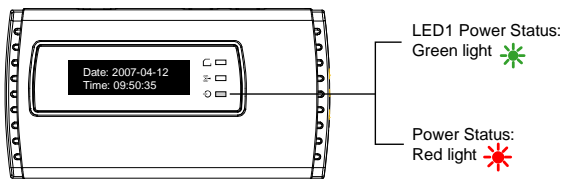
1. Function and keys description



1	LED 1: Yellow	Flash memory status	7	Carabiner loop	Attachment loop
2	LED 2: Blue	GPS status	8	Power/Status button	Power ON/Off, status select
3	LED 3: Green/Red	Power status	9	Select key 1	UI function select " NO "
4	LCD Screen	Status display	10	Select key 2	UI function select " YES "
5	Mini USB connector	Connect to camera/Card reader	11	Battery cover	AAA battery cover
6	Memory card slot	SD/MMC/MS cards slot	P.S. For detailed function descriptions, please see below.		

2. LED status description

2.1. LED 1: Power Status in Light Green/Red



2.1.1: Power ON/OFF: Green Light will turn on for 2~3 seconds

2.1.2. Remaining Power Status:

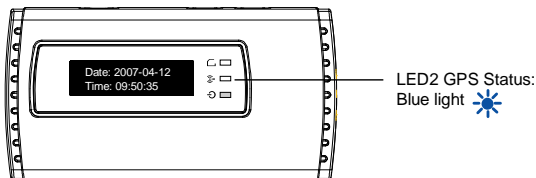
70% or more power -> Continuous green light

70%~20% power -> Flashes in Green ~ ~

Under 20% power -> Light in Red

Low Power -> Auto Power Off

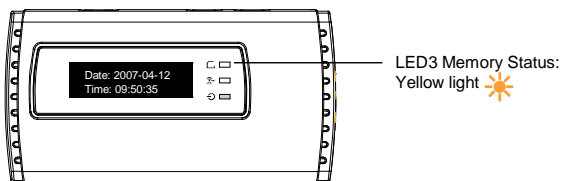
2.2. LED 2: GPS Status



2.2.1. While GPS Signal is Active: Blue light flashes

----> 5 seconds ---->

2.3. LED 3: Memory Status/"On the Go" (OTG) Operating Mode Status



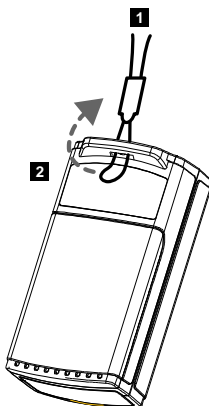
2.3.1. OTG data sync -> Flashes in Yellow while syncing data -> ->

3. LCD screen status description

LCD screen status	Key action		Description/Action
GPS Picture Tracker V.1.4	PWR	Push 3 seconds	Power ON and OFF
GPS Picture Tracker Flash: 123 MB	N/A	Flash Memory Status	Show Flash Memory Capacity
Searching GPS Signal	N/A	GPS Signal	Search GPS Signals
Time: 09:50:35 Date: 2007-04-12	L	UTC Time	UTC Time/Date Information , Refer to This UTC and Adjust Digital Camera Time Clock Setting Accordingly
N 25oX 2' 0.60" E 121oX 33' 54.00"	R	GPS Information	Show Current Location Information
Low Battery	PWR	Low Battery	Auto Power OFF, Change New Battery and Power ON Again
Memory Full Can't Record Data.	N/A	Internal Memory Full	Please Save the Data or Format System
Format System ! << NO YES>>	L/R	Format System	Select to Format The GPS System
Mapping GPS Data << NO YES>>	L/R	Syncing GPS Map Data Selection	Select to Sync The GPS Data to JPG Files
Mapping JPG Files: 10 << NO YES>>	L/R	Mapping GPS/JPG files	Show The JPG Files Amount
Find Match Time	N/A	GPS Data Sync in Progress	Please DO NOT Remove Any Card or USB Device
Data Write OK	N/A	GPS Data Sync Complete	Please remove the memory card or the USB device
Have NOT Mapping JPG Files: 5	N/A	GPS/JPG Files Sync Status	Show the JPG files Sync Result
Please Remove Cards	N/A	Device/Card Support Status	Remove Attached Device or Memory Card

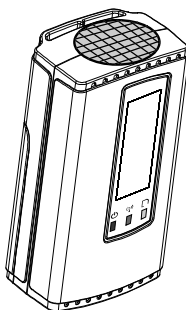
Attaching the Carabiner

1. Detach the looped string from the main device body of the carabiner as illustrated below (1) and pull the loop through the carabiner attachment hole on the device (2)

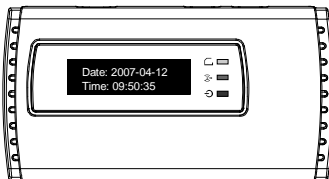


2. The carabiner can be used to hang the Photo Finder externally for maximum direct exposure to satellite coverage. This can, for example, be on a bag, backpack, or clothing.
3. When the Photo Finder is activated and tracking, ideal orientation for GPS reception is to have the antenna area pointed up.

GPS Antenna area

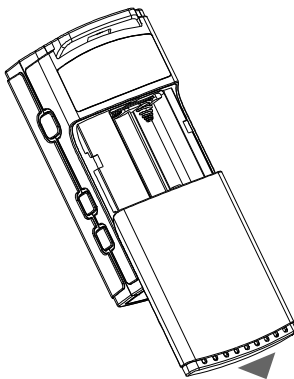


4. For more operating detailed operating instructions, please continue to read this manual.



Inserting Batteries

1. The following batteries are acceptable.
 - LR03 (size AAA) alkaline battery x 2
 - R03 (size AAA) Nickel-Metal Hydride battery x 2
2. Carefully slide down the rear battery cover and insert 2 AAA batteries into the device in the orientation displayed inside.



3. Replace the battery cover.
4. Power ON the device and the LED will flash Green for 2~3 seconds.
5. After usage, be sure to first turn OFF the power before removing the battery. **(Based on 1000mA)**

LR03 (size AAA) alkaline battery	R03 (size AAA) Nickel-Metal Hydride battery
About 8 hours	About 7.5 hours

WARNING

There is a danger of leakage or explosion if batteries are mishandled. Please be sure to observe the following:

- Insert batteries with the correct polarity +/-.
- Do not attempt to charge a dry battery.
- Remove the batteries when not using the device for a prolonged period of time.
- Do not break disrupt or switch off power when the device is transferring data to a memory card.

Photo Finder Basic Usage Instructions and Features

The ATP Photo Finder records GPS log files of your position and time in 5 second intervals and stores this information in internal memory. Simply turn ON the power and the tracking/logging automatically starts. With an internal memory capacity of 32/128 MB (optional), the device can log your position information for over 130/550 hours.

Basic Features:

■ Simple operation

There's no need for a complex set-up or installation process. Turn on the Photo Finder to begin tracking and logging as you're taking pictures. Then sync the logged position information to your memory card. You now have GPS position tagged photos!

■ Easy to carry

With a compact and lightweight (only about 60 grams) design, the ATP Photo Finder is convenient for travel and outdoor use.

■ Store data for up to 150/600* hours; logging interval Approx. 5 seconds

The ATP Photo Finder records approximately 150/600* hours of GPS data, equivalent to about 150/600* hours of continuous non-stop tracking. The logging interval is Approx. 5 seconds and you can get the detail GPS information. The number of log entries and recording time may differ depending on satellite coverage and signal strength.

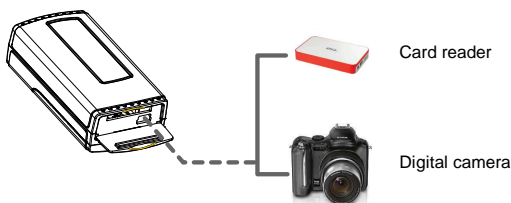
(*) Optional Flash memory capacity: store data for 150 hours is 32MB; 600 hours is 128MB.

■ High Performance GPS Receiver

The built-in high performance GPS antenna module can search and communicate with 20 channels/satellites simultaneously.

■ "On The Go" mode data sync and GPS coordinates mapping

Sync your pictures with GPS positioning data without the need for a PC environment.



■ Built-in SD/MMC/MS Card Slot and direct USB Connectivity

The ATP Photo Finder is compatible out of the box with most digital cameras, supporting SD/MMC/MS memory cards. CF/xD memory cards can also be synced with position data with use of a card reader.

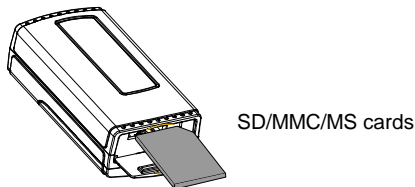
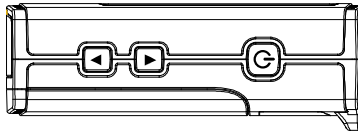


Photo Finder Detailed Usage Instructions

1. Install the AAA batteries with the correct polarity +/-.
2. Push the Power button for 2~3 seconds to start the system.
 - 2.1. The LED light flashes green for 2~3 seconds.
 - 2.2. The LCD screen will display 'OTG GPS Data Recorder V.1.0'



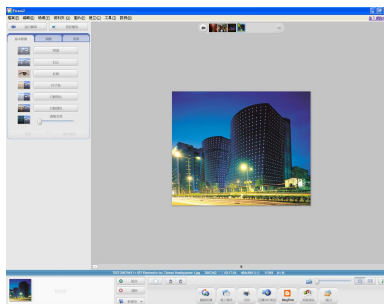
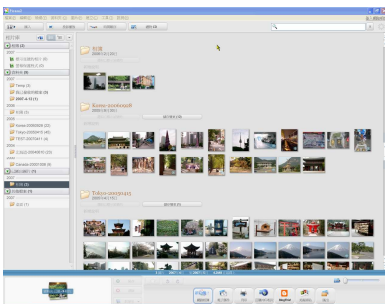
3. The ATP Photo Finder automatically begins to search for satellite signals.
 - 3.1. The LCD screen will display 'Searching GPS' and the LED light will flash twice rapidly for 1 second.
 - 3.2. As the device starts to receive radio signals from satellites, the LCD screen will display 'Current Date and UTC time' The LED light will flash once slowly for 2~3 seconds.
 - 3.3. Adjust the clock setting of your camera accordingly. The 'current time' and 'UTC time' displays can be used as a reference.
4. Position the Photo Finder correctly so that the GPS antenna is facing up.
5. You can now begin to take pictures as you normally would with your digital camera.
6. Sync the GPS position data to your pictures on a memory card.
 - 6.1. Remove the memory card from your digital camera.
 - 6.2. **Open the bottom rubber cover on the Photo Finder and plug in your memory card into the card slot. (*1)**
 - 6.3. The Photo Finder will begin writing the GPS information to your pictures automatically.
 - 6.4. **DO NOT remove the memory card or batteries when the device is writing data or else data corruption can occur. (*2)**
 - 6.5. After the Photo Finder finishes writing the data, you can remove the memory card.
7. Using the pictures with GPS tag information:
 - 7.1. Personal picture management applications. (*3)
 - 7.2. Commercial business applications.
 - 7.3. Photo navigation applications. (*4)

Remark

- (*1) The ATP Photo Finder has a built in SD/MMC/MS memory card slot.
Other memory cards such as CF, xD, or MicroDrives can be synced with ATP Photo Finder logged GPS data with use of a card reader and connection to the PC via USB connection.
- (*2) When the available remaining power falls under 20%, the Power LED will begin flashing RED.
- (*3) Using the Google Earth application, you can manage your personal pictures with GPS tags by location and share them.
- (*4) GPS tagged photos can also be used in navigation devices with GPS photo support. Pictures can be used as landmarks and destinations, allowing for visual selection rather than by address.

Using GPS Photo Compatible Software

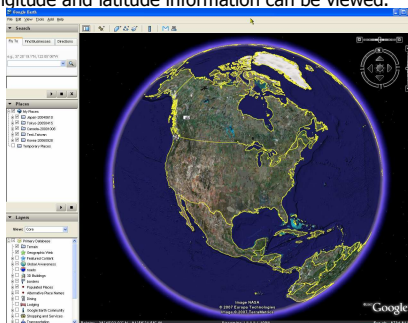
1. Picasa2 and Google Earth software can be downloaded from www.google.com for use on your PC.
2. Picasa2 is personal picture management software used for many functions such as editing, viewing and organizing your pictures.



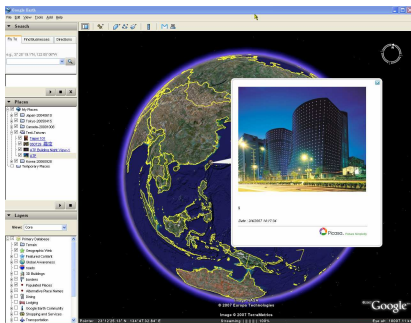
3. Upon importing pictures with GPS tagging information into Picasa2, you will find a "crossmark" symbol in the lower right corner. This signifies that the picture has GPS position information included. Using your mouse, 'Right click' on the screen and the GPS longitude and latitude information can be viewed.



Cross mark



4. Using Picasa2, pictures can also be viewed and organized using Google Earth. Google Earth can visually organize your pictures geographically and can be shared with friends and family.



Additional Information

1. Brief Specifications

Display	128x32 Dot Matrix FSTN with backlight
UI Language	English (Default) Japanese (Optional) Traditional Chinese (Optional) Simply Chinese (Optional)
GPS Frequency Response	1575.42 MHz (L1 Band, C/A code)
Operating Temperature	-20 to +60 degrees C (-4 to +140 degrees F)
Storage Temperature	-20 to +60 degrees C (-4 to +140 degrees F)
Operating Time	More than 8 Hours
Connectivity Card	Complies with Compact Flash Specification Revision 4.0 Complies with SD 2.0 SDHC Complies with MMC 4.2 Complies with Memory Stick PRO/Duo
OTG Interface	Mini USB
Embedded Memory	128MB NAND Flash
Battery	AAA x 2
USB cable	Mini USB to Type A female connector cable

GPS Module	
Chipset	SIRF Star III
Frequency	L1 1575.42MHz.
Code	C.A. Code.
Channels	20
Sensitivity (Tracking)	-155dBm.
Cold start	45 sec
Warm start	35 sec
Hot start	1 sec
Reacquisition	0.1sec typical
Position accuracy	≤25m CEP.
Maximum altitude	18000 m
Maximum velocity	514 m/s
Trickle power mode	Duty cycle ≤34%. (Variable) Default: disable (option: enable)
Update rate	Continuous operation: 1Hz
Testability	It shall be able to be tested by SIRF test mode 4 and single channel simulator.
Protocol setup	It shall store the protocol setup in the SRAM memory.
Interface	
I/O Pin	30pin stamp holes
Power consumption	
Vcc	DC 3.3 ±5%
Current	GPSM-013: Current 72mA@3.3V typical (w/o ext. antenna)
Trickle power mode	Average current ≤39mA@3.3V typical (w/o ext. Antenna)
Environment	
Operating temperature	-30 ~ 85℃
Humidity	≤95%

2. Partial Digital Camera Compatibility List

- When you use the OTG mode function, please check the compatibility list of digital camera.
- The OTG function is compatible to most digital cameras in the market.
- If your digital camera model is not on the list, please try the card reader to transfer the GPS data to memory cards.

2.1. Casio series:

Device	Device ID
CASIO QV-3500EX	240-0000476
CASIO EXILIM EX-S3	240-0000476
CASIO EXILIM PRO EX-P600	240-0000476
CASIO EX-S500	240-0000476
CASIO EX-Z110	240-0000476
CASIO EX-Z57	240-0000477
CASIO EX-Z750	240-0000476
CASIO EX-P700	240-0000477
CASIO QV-R4	240-0000477
CASIO EXILIM EX-S20	240-0000476
CASIO EX-S100	240-0000476
CASIO QV-R51	240-0000477
CASIO QV-R61	240-0000476
CASIO ZOOM EX-Z40	240-0000476
CASIO EXILIM EX-M2	240-0000476

2.2. Fujifilm FinePix series

Device	Device ID
Fujifilm FinePix 40i	240-0000477
Fujifilm FinePix F420	240-0000478
Fujifilm FinePix A310	240-0000477
Fujifilm FinePix FX-2300	240-0000476
Fujifilm FinePix FX-1300	240-0000476
Fujifilm FinePix FX-4700Z	240-0000476

2.3. HP Photosmart series:

Device	Device ID
HP Photosmart 945	240-0000477
HP Photosmart 935XI	240-0000476
HP Photosmart R707	240-0000477
HP Photosmart 850	240-0000477

2.4. Konica series:

Device	Device ID
Konica Digital Revio KD-500Z	240-0000476
Konica Minolta DiMAGE Xi	240-0000477
Konica Minolta DiMAGE Z1	240-0000476
Konica Minolta DiMAGE X31	240-0000476
Konica Minolta DiMAGE Xg	240-0000478
Konica Minolta DiMAGE Z2	240-0000476
Konica Minolta DiMAGE G600	240-0000476
Konica Minolta DiMAGE X50	240-0000476
Konica Minolta DiMAGE Z3	240-0000476
Konica Minolta DiMAGE E323	240-0000476

Konica Minolta DiMAGE Xt	240-0000476
Konica Minolta Dimage A2	240-0000478
Konica Minolta DiMAGE Z20	240-0000476
Konica Minolta Revio KD-510Z	240-0000476
Konica Minolta DiMAGE Z10	240-0000477
Konica Minolta Dimage G400	240-0000476
Konica Minolta DiMAGE G530	240-0000476
Konica Minolta DiMAGE X1	240-0000476

2.5. Kyocera FineCam series

Device	Device ID
Kyocera Finecam S3L	240-0000477
Kyocera Finecam L30	240-0000476
Kyocera FineCam S5R	240-0000477
Kyocera Finecam S5	240-0000477
Kyocera Finecam L3	240-0000477
Kyocera Finecam M400R	240-0000477
Kyocera Finecam M410R	240-0000477
Kyocera Finecam S3R	240-0000477
Kyocera Contax SL300R T	240-0000477
Kyocera Finecam SL300R	240-0000476
Kyocera Finecam SL400R	240-0000477
Kyocera Finecam L3v	240-0000477

2.6. Nikon Coolpix series

Device	Device ID
Nikon COOLPIX 4500	240-0000478
Nikon COOLPIX 4100	240-0000476
Nikon COOLPIX 4200	240-0000476
Nikon COOLPIX 5200	240-0000476
Nikon COOLPIX 3200	240-0000476
Nikon COOLPIX 2200	240-0000476
Nikon COOLPIX 5900	240-0000476
Nikon COOLPIX 7600	240-0000476
Nikon COOLPIX 7900	240-0000476
Nikon COOLPIX S4	240-0000478
Nikon COOLPIX S3	240-0000476
Nikon COOLPIX S2	240-0000476
Nikon COOLPIX S1	240-0000476
Nikon COOLPIX P1	240-0000476
Nikon COOLPIX P2	240-0000478
Nikon COOLPIX S9	240-0000476
Nikon D50	240-0000477

2.7. Olympus series:

Device	Device ID
OLYMPUS CMEDIA C-4040 Zoom	240-0000477
OLYMPUS CMEDIA C-3100 Zoom	240-0000477
OLYMPUS Camedia 5050Z	240-0000477
OLYMPUS u-300	240-0000477
OLYMPUS CMEDIA C-730 Ultra Zoom	240-0000477
OLYMPUS CMEDIA C-770 Ultra Zoom	240-0000477
OLYMPUS CMEDIA C-2 Zoom	240-0000477

2.8. Panasonic series:

Device	Device ID
Panasonic LUMIX DMC-FX2	240-0000476
Panasonic DMC-LC70	240-0000477
Panasonic LUMIX DMC-FZ20	240-0000477
Panasonic LUMIX DMC-FZ3	240-0000477
Panasonic LUMIX DMC-FX7	240-0000476
Panasonic DMC-FZ15	240-0000477
Panasonic DMC-FX9	240-0000476
Panasonic DMC-FX8	240-0000477
Panasonic DMC-LZ2	240-0000476
Panasonic DMC-LZ1	240-0000476
Panasonic DMC-FX50	240-0000477
Panasonic DMC-LC1-K	240-0000477
Panasonic LUMIX DMC-FZ10	240-0000477
Panasonic DMC-F7	240-0000477
Panasonic DMC-LC5	240-0000477
Panasonic D-snap SV-AS3	240-0000477
Panasonic D-snap SV-AS30	240-0000477
Panasonic D-snap SV-AS10	240-0000477

2.9. Pentax series

Device	Device ID
PENTAX Optio 55S	240-0000476
PENTAX Optio 43WR	240-0000477
PENTAX Optio 750Z	240-0000476
PENTAX Optio 33LF	240-0000477
PENTAX Optio S30	240-0000477
PENTAX Optio X	240-0000476
PENTAX Optio S40	240-0000476
PENTAX Optio SV	240-0000476
PENTAX Optio MX	240-0000476
PENTAX Optio WP	240-0000477
PENTAX Optio S5n	240-0000476

2.10. Sanyo series:

Device	Device ID
Sanyo VPC-AZ1	240-0000477
Sanyo Xacti DSC-S3	240-0000478
Sanyo Xacti DSC-S4	240-0000478
Sanyo Xacti DSC-J4	240-0000478
Sanyo Xacti DSC-S1	240-0000478
Sanyo VPC-E6	240-0000477
Sanyo VPC-A5	240-0000477
Sanyo DSC-MZ3	240-0000476
Sanyo ES5	240-0000477
Sanyo Xacti VPC C4	240-0000476
Sanyo Xacti VPC C1	240-0000476

2.11. Samsung series:

Device	Device ID
SamSung DigiMax V4	240-0000478
SamSung Digimax V50	240-0000477
SamSung Digimax V5	240-0000476
SamSung D-3100 (D-3000)	240-0000476
SamSung Digimax V6	240-0000476
SamSung Digimax i5	240-0000477
SamSung Digimax V700	240-0000477
SamSung Digimax 410	240-0000477

3. Backing up the GPS data from the Photo Finder

- By connecting the ATP Photo Finder directly to your PC via USB connection, you can back up all the logged GPS position information. The Photo Finder will show up as a USB removable drive and you can directly view the internal log information. You can copy this data anywhere on your PC's harddrive.



4. Trouble shooting

If you run into any problems using the Photo Finder, please see the troubleshooting information table below. If the problem persists, please contact your local dealer or retailer.

The GPS data is not being synced to my pictures

- Ensure that the clock/time setting of your camera is set the same as the Photo Finder GPS time.
- Ensure that your camera time clock setting is turned ON.

The Photo Finder is unable to acquire a GPS signal

- You may have used the Photo Finder in areas where the GPS device cannot receive a signal, for instance in obscured areas such as in tunnels, underground or under tall buildings.
- Inside a car there is a chance that the GPS signals will be reflected by glass.

It takes a long time to acquire a signal from the GPS satellites

- It may take a long time to track a location depending on the positioning of the GPS satellites.

The Photo Finder will not power on.

- Open the battery cover and re-insert the battery.
- The battery may not be inserted properly.

The Photo Finder cannot transfer GPS data to my memory card.

- You may be running on low power battery. Please replace the battery with a new one.
- You may have used a memory card that the Photo Finder cannot support.



The Photo Finder cannot connect with my PC and card reader.

- You may be running on low power battery. Please replace the battery with a new one.
- Please check the USB cable.

The Photo Finder cannot recognize my digital camera.

- You may be running on low power battery. Please replace the battery with a new one.
- You may be using a digital camera that the device cannot support.
- Please check the power status of the digital camera.